

19970611.ba ba-por01.488 ba-por01.489 ba-por01.490
>1488
>From owner-boatanchors@sco.theporch.com Tue Jun 10 00:03 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.6.Beta5/A-UX-3.0.1) with ESMTTP id AAA17865
> for <SHIMSHON@URO.THEPORCH.COM>; Tue, 10 Jun 1997 00:03:22 -0500 (CDT)
>Received: from sco.theporch.com (localhost [127.0.0.1])
> by sco.theporch.com (8.8.6.Beta5/SCO-5.0.2) with SMTP id FAA00264;
> Tue, 10 Jun 1997 05:02:31 GMT
>Message-Id: <199706100502.FAA00264@sco.theporch.com>
>Date: Tue, 10 Jun 1997 00:02:31 CDT
>Sender: owner-boatanchors@theporch.com
>From: boatanchors@theporch.com
>To: Amateur Radio Equipment Using Vacuum Tubes <boatanchors@sco.theporch.com>
>Subject: BOATANCHORS digest 1488
>Mime-Version: 1.0
>Content-Type: multipart/mixed; boundary="--
__ListProc__NextPart__865918751432959375"
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN
>Status: 0

BOATANCHORS Digest 1488

Topics covered in this issue include:

- 1) Re: junk mail from sales@emodus.com
by "Walter L. Marshall" <wmarshall@CapAccess.org>
- 2) Re: junk mail from sales@emodus.com
by Roland S Geter Sr <wb6lna@primenet.com>
- 3) Re: ARC-5/BC-455 Performance ?'s
by Ken Gordon <keng@uidaho.edu>
- 4) Junk Mail
by Surplus Al <surplsal@tl.infi.net>
- 5) Re: BOATANCHORS digest 1485
by Jderm740@aol.com
- 6) HAMCOMM
by "Earl Landry" <Earl.Landry@MCI.Com>
- 7) WTB: 6JB6 or 6JB6A Tubes
by "Samuel C. Macy" <sammac@interaccess.com>
- 8) KWS-1 report...
by Ronnie Hull <w5sum@ms1.nwla.com>
- 9) Du Page hamfest
by Norm Flasch <flasch@cushy.ece.nwu.edu>
- 10) Re: Racal RA-17 Triage
by Morris Odell <morriso@vifp.monash.edu.au>
- 11) FT:TV service literature
by jcreid@CCGATE.HAC.COM
- 12) 10 meter activity

- by Sandy W5TVW <ebjr@worldnet.att.net>
- 13) Lighting Bug- Nickle or Chrome
by "Allan Fritsche" <fritsche@msn.com>
 - 14) HA-33 question
by "Robert Nickels" <ranickel@mwci.net>
 - 15) HamCom, Another view of
by Brian.Harris@sv.sc.philips.com (Brian Harris)
 - 16) Hamcom
by Dave Wood <W4EJ@coastalnet.com>
 - 17) Knob needed
by JONWEINER@aol.com
 - 18) Re: HamCom, Another view of
by "Lionel Booth" <lbooth@comm.net>
 - 19) Re: KWS-1 report...
by Joe Eide <jeide@eau.net>
 - 20) Re: PRC-47 question
by Ho4bart@aol.com
 - 21) RO Humor
by "Dick Dillman" <ddillman@igc.apc.org>
 - 22) Re: KWS-1 report.../blower hose
by Bob Roehrig <broehrig@admin.aurora.edu>
 - 23) Tubes (mostly Television) FS
by bz649@cleveland.Freenet.Edu (Kenneth V Zichi)
 - 24) Need Heath HX-30 Manual
by "Thomas A. Adams" <103360.2133@CompuServe.COM>
 - 25) time change coming June 30
by Bob Roehrig <broehrig@admin.aurora.edu>
 - 26) Ranger I/Ranger II mod. xfmr - same?
by Doug Hall <dhall@jps.com>
 - 27) RACAL RA17-C8 Progress Report
by Al Klase <skywaves@bw.webex.net>

Date: Mon, 9 Jun 1997 13:51:58 -0400 (EDT)
From: "Walter L. Marshall" <wmarshall@CapAccess.org>
To: John Shriver <jas@shiva.com>
Cc: boatanchors@theporch.com
Subject: Re: junk mail from sales@emodus.com
Message-ID: <Pine.SUN.3.91-FP.970609135044.10633C-100000@cap1.capaccess.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just send them 40 or 50 copies of some mundane file you
have in your computer. Send them enough stuff and you can
shut them down.

Walter

Date: Mon, 9 Jun 1997 11:42:03 -0700 (MST)
From: Roland S Geter Sr <wb6lna@primenet.com>
To: jas@shiva.com
Cc: boatanchors@theporch.com
Subject: Re: junk mail from sales@emodus.com
Message-ID: <199706091842.LAA13326@usr02.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

At 12:33 PM 6/9/97 -0400, you wrote:

>I'm also getting junk e-mail from sales@emodus.com (through Belgium).

>

>However, I got lots of junk e-mail from other sources. (I once was
>known to post on Usenet, which is now a guaruntee of junk e-mail.)

>

>If other people on the list are getting this mail, perhaps some junk
>e-mail list generator has foudn the boatanchor archives on the Web,
>and has scanned them for e-mail addresses. These people are scum, and
>will do anything to get e-mail addresses. =20

>

>In this day and age, the only way to (probably) avoid junk e-mail is
>to never post on usenet, and to never allow your e-mail address to be
>accessible from any Web page.

>

>Perhaps we have to cease providing Web access to the Boatanchors mail
>history to protect from junk e-mail -- but it may be too late.

>

>(So far as I can tell, the only solution to junk e-mail that will work
>will be legislative. But even that will only address the US at the
>full level.)

>

>Reply: =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D=
=3D =3D =3D =3D =3D

No sarcasim intended, but is your complaint against them or Junk e-mail in
general. Seriously, I was going to make an inquiry about something they
were offering.

73's

Roland S Geter PhD - WB6LNA/7 ex W2RPQ

Madell M Geter RN - KD6QCH

Internet: wb6lna@primenet.com =09

roland@primenet.com

madell@primenet.com

ax25: wb6lna@kc7y.az.usa.noam

Toll Free: 800-399-4383 Voice/Fax x765

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|                               |  
| Visit our Web page for brand newly manufactured   |=20  
| Collins Radio Accessories and tell others. |  
| http://www.romadenterprises.com/collins.htm |  
|-----|
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Pursuant to US Code, Title 47, Chapter 5, Subchapter II, =A7227,
any and all nonsolicited commercial E-mail sent to this address
is subject to a download and archival fee in the amount of \$500
US. E-mailing denotes acceptance of these terms.

Date: Mon, 9 Jun 1997 12:02:49 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: Dexter Francis <dfrancis@iex.net>
Cc: boatanchors@theporch.com
Subject: Re: ARC-5/BC-455 Performance ?'s
Message-ID: <Pine.BSF.3.95.970609115627.17507D-100000@piobaire.mines.uidaho.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You can improve their selectivity a lot by making the first IF
regenerative. Very simple to do in the ARC-5 receivers. Use two pieces of
solid #12 or #14 insulated wire about 3/4 inch long. Solder one to the
plate lead on the socket and the other to the grid lead and bend them side
by side. Adjust until it just goes OUT of oscillation. You can add a pot
in series with the cathode to vary the regeneration if you wish. There is
room in that little front panel for two pots (RF gain and regen) and a 1/4
inch phone jack, but rather than modify the original panel box, you can
use a small piece of aluminum.

Mine were considerably more "sensitive" on CW than Phone. I think it has
to do with the type of detector they use.

Ken W7EKB

Date: Mon, 09 Jun 1997 16:39:15 -0400
From: Surplus Al <surplsal@tl.infi.net>
To: boatanchors@theporch.com
Subject: Junk Mail
Message-ID: <339C69F3.6B1D@tl.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Why all the fuss about Junk mail. All you have to do is delete it.
Unless some machines dont have a delete key. Al

Date: Mon, 9 Jun 1997 15:34:07 -0400 (EDT)
From: Jderm740@aol.com
To: boatanchors@theporch.com
Subject: Re: BOATANCHORS digest 1485
Message-ID: <970609153248_157637309@emout05.mail.aol.com>

HRO-60 Problems.
Bob Logins,
With reference to no B+ on the second converter, have you taken a reading on resistor R-14 (2200) in the B+ line? How about R-28 (10K) off the center position of the change-over switch? Check both of them for being open or a bad connection.

Good luck
Jack Jderm740@aol.com

Date: Mon, 9 Jun 1997 16:04:40 -0500
From: "Earl Landry" <Earl.Landry@MCI.Com>
To: "'boatanchors@sco.theporch.com'" <boatanchors@sco.theporch.com>
Subject: HAMCOMM
Message-ID: <01BC74EE.D9163140@localhost>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

I really enjoyed Hamcomm this year. Plenty of BA's to look over. Even =
met some of the boatanchor crowd. My only good find was a nice brass =
Jesse Bunnell hand key.

Earl Landry K5EID

Date: Mon, 09 Jun 1997 17:15:58 -0500
From: "Samuel C. Macy" <sammac@interaccess.com>
To: boatanchors@sco.theporch.com, boatanchors@sco.theporch.com
Subject: WTB: 6JB6 or 6JB6A Tubes
Message-ID: <3.0.32.19970609171543.006ab804@pop.interaccess.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Want matched pair of 6JB6 for National NCX-5. Must be new.
Sam Macy W2DNN
486 Glenwood Trail
Elgin, IL 60120

Date: Mon, 9 Jun 1997 17:56:15 -0500
From: Ronnie Hull <w5sum@ms1.nwla.com>
To: boatanchors@theporch.com
Subject: KWS-1 report...
Message-ID: <1.5.4.16.19970609165404.27f72d6a@ms1.nwla.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

howdy Gang

well, finally got all the peices put together, and I have a KWS-1. This baby has not been taken care of very well. Very dirty and grimey, but it is not dented, gouged or clawed up. It will re-paint nicely. Missing the bottom cover, which can be manufactured maybe...

Everything looks good with the exciter, other than needing cleaning and repainting. All inside looks great, all the tubes checked okay.

Now for the bottom section. Missing back plate, which also can be made by a sheet metal shop. Its missing the blower. Luckily, I found, laying down in the very bottom of it, the switch for the interlock. The one that would have been triggered by the back panel. Lucky for me this original peice is in there so I can attach it to the replacement panel!!

Where does that big spring go?

And since it has no blower, it has no blower hose. Where can I get a replacement blower? Grainger? Anyone done this? will it fit?

What kind of hose should to replace that missing?

I'm excited, this is a dream come true. I've always wanted an A4 and a KWS-1. Within a month, I had both, and at very very resonable prices. Thank you again to the list members that made this happen for me.

any and all ideas on the above problems are greatly appreciated...

Ronnie

Date: Mon, 9 Jun 1997 18:06:10 -0500 (CDT)
From: Norm Flasch <flasch@cushy.ece.nwu.edu>
To: boatanchors@sco.theporch.com (ba)
Subject: Du Page hamfest
Message-ID: <199706092306.SAA06891@cushy.ece.nwu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

I Attended the 6 Meter Club hamfest at Du Page county fairgrounds yesterday. This is the fest that used to be held at the Santa Fe speed way nestled in between the trees. This was the second year at Du Page. Noticeably fewer sellers this year than last year. There were two full buildings last year and only one not full building this year. Fewer outside too. The first thing I saw was a guy exiting with a large German table radio. I did see some very nice Halicrafters equipment. One guy had 3 pieces of 40's vintage VHF Hali gear in a small rack. "No reasonable offer refused." Manuals included. The one that followed me home (How does that happen ?) was a near mint SX-122. A couple of proud owners made some nice comments about this set while I was making up my mind. It didn't take much convincing.

The tuning mechanism in this radio has the nicest feel of any radio I have ever tuned. Very solid, smooth and precise at the same time. So far it seems to be very stable. Unlike some of the other Halicrafters sets mentioned here. Dual conversion too. This was probably one of their best sets. It would be nice to find the matching speaker for this radio (a SP-48 B, I believe). The one with the switch on the front.

Another nice set I saw was a near mint SX-130 with matching speaker and original manual (\$200.00). Very 60's styling. The tuning did not

feel good on this set and made me happy I settled on the 122. There was an excellent SX-100 for \$225.00. A nice National NC-40D with side band splitter and speaker was seen for \$200.00. All of the above were still there when I left at about 11:30. There was a Hali S-19 and a S-22R at the same table. One of them was gone later. There was a good selection of BA's at this fest. No TO's though. I see fewer and fewer of these.

— —

Norm Flasch flasch@ece.nwu.edu Northwestern University
Electrical and Computer Engineering

Date: Tue, 10 Jun 1997 11:21:14 +1200
From: Morris Odell <morriso@vifp.monash.edu.au>
To: skywaves@bw.webex.net
Cc: boatanchors@sco.theporch.com
Subject: Re: Racal RA-17 Triage
Message-ID: <339C8FEA.1D2B@vifp.monash.edu.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Al Klase wrote:

 γ

> Anchoristas,

>

```
> A Racal RA-17 C8 followed me home from the Teaneck, NJ hamfest this
> AM.
```

```
> Looks like it might be missing some stuff.  Could someone with first
> hand knowlege
> of these sets help me sort things out a little bit before I go crazy
> looking for a manual.
```

I can't know the C8 but I'm just in the final stages of restoring a C12 which is a very nice boatanchor. It's a complex device and I've learnt enough so far to come up with a couple of tips:

1. Don't try to align the bandpass filters (the rows of trimmers under the chassis) unless you have a proper factory service manual (I haven't). The owner's manual warns against it and says you need special factory fixtures. If the 1 Mhz step tuning works, it's OK.

2. The "Hunts" brand of canned paper capacitors used in these sets are notorious for physical leakage of wax and corrosive fluids. I would recommend complete re-capping. There are a couple of relatively difficult areas to access such as the BFO and 3rd mixer subchassis, but

it's worth it. In my set the caps in the 3rd mixer subchassis had leaked and reduced many other parts to a corroded mess. Not pretty. The only area I didn't recap (although I took it out and checked it) was the front end where they looked OK and were physically difficult to remove. Unfortunately they didn't use plugs so removing subchassis involves unsoldering leads.

3. The 3rd mixer (6BE6 - the world's noisiest tube) is very noisy! I haven't modified it although I sure someone has published a mod somewhere for this weak point in an otherwise lovely receiver.

4. SSB reception is lousy. It needs a sideband adaptor.

Good luck,

Morris VK3DOC

Morris Odell Victorian Institute of Forensic Medicine
Forensic Physician 57-83 Kavanagh St, Southbank 3006
mailto:morriso@vifp.monash.edu.au Victoria, Australia
http://www.vifp.monash.edu.au/CFM/staff/mo.html

Date: Mon, 09 Jun 97 15:47:24 PST8
From: jcreid@CCGATE.HAC.COM
To: boatanchors@sco.theporch.com
Subject: FT:TV service literature
Message-ID: <9705098658.AA865897209@CCGATE.HAC.COM>

Hi Gang,

I was digging around through the storage shed recently and came up with a pile of the following items. I'd like to pawn it off as a whole. Price is undetermined. I'd be more interested in an equitable trade. Here's what I've got:

Sears Silvertone
Source 528
Mostly stuff from the early 70's.

RCA TV Receivers Service Data
Covers '55 to '61
Chassis CTC-4 and CTC-10
Also B/W sets KCS94 thru KCS134
Spiral bound and in good condition.

Tekfax Service Info

Large format compilations of various makers.

Have the following volumes: 100,101,103,104,105,106,109,
110, and 113. All in good condition.

Magnavox Service Data

Covers all sets 1948-1953

Some water-staining.

Dumont Service Data

1953 model year

Covers models RA-101 thru RA-170/171

Some water damage.

There ya have it. Make me an offer/trade. Shipping shouldn't be too bad, but
the stuff in on fairly heavy stock. Thanks.

-Jim N6SVS

jcreid@ccgate.hac.com

Date: Mon, 9 Jun 1997 23:38:13 +0000

From: Sandy W5TVW <ebjr@worldnet.att.net>

To: rdkeys@csemail.cropsci.ncsu.edu, boatanchors@theporch.com,
conard@tntech.campus.mci.net, ws4s@infoave.net, sinned@VNET.IBM.COM,

Subject: 10 meter activity

Message-ID: <19970609233809.AAA23482@LOCALNAME>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Worked today: WA0JTE-A1-Missouri on CW at 2100Z

Heard: K5PF in Raleigh, NC (Is he near you Bob?) 579 at 2324Z
Somewhere in the 28.2-28.3 "beacon" band. (My old boat anchor
receiver is not calibrated that closely!)

How about some schedules during the afternoons on 28.050 CW anyone?

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes

****Butternut HF2V antenna, G-R test gear.....****

Date: Mon, 9 Jun 97 23:14:59 UT
From: "Allan Fritsche" <fritsche@msn.com>
To: boatanchors@theporch.com
Subject: Lighting Bug- Nickle or Chrome
Message-ID: <UPMAIL03.199706092346020406@msn.com>

Thanks to all the gents and the list Lady for the reply.
I think I am more than confused then ever but my key seems to be chrome plated.
MAYBE--- will find out for sure.

Thanks again
Al
fritsche@msn.com

Date: Mon, 9 Jun 1997 18:49:39 +0000
From: "Robert Nickels" <ranickel@mwci.net>
To: boatanchors@theporch.com
Subject: HA-33 question
Message-ID: <199706092350.SAA03412@subcellar.mwci.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi All,

I was able to pick up (in a manner of speaking), a Hallicrafters
HA-33 amp today at the Chicago Six Meter Club hamfest. Also got the
HT-32B transmitter, which is now begging for an SX-115 companion...?

This amp is the original, with a pair of 4CX300A ceramic
tetrodes. Both the "A" and "B" models used the PL-172 pentode, which
I've heard is getting hard to find. So I'm thinking I did OK,
especially for the price (\$255 for the pair).

I hadn't realized how much the design changed between the three
models, and would be interested in knowing why it was done. Am I
correct in thinking the 4CX-300As are more common than the PL-172?
All models run class AB1, but drive requirements went from 8 watts to
50-60 with the PL-172...perhaps because exciter power was readily
available. Any special caveats in using the HT-33?

Thanks and 73,

Bob W9RAN

Date: Mon, 9 Jun 1997 18:31:56 -0700
From: Brian.Harris@sv.sc.philips.com (Brian Harris)
To: boatanchors@theporch.com
Subject: HamCom, Another view of
Message-ID: <000375A4.1914@scs.philips.com>

There must have been two HamComs this year, for I think I went to a different one than the one raved about it here on the list.

Critical parameters:

- * \$4 to park (free at Belton)
- * \$9 for entry (\$1 at Belton)
- * No beer
- * ~50% of the building occupied with new equipment/hardware dealers
- * ~25% of the building occupied with totally non-ham related flea market crap
- * Boatanchors I saw were mostly high priced and of only low to medium quality

Attendance seemed down from that of 1995 (I didn't attend HamCom last year). I suspect if they don't drop or reduce the entry fee, and perhaps the parking fee too, the trend will continue. I know I won't waste my money and time next year (and I live only 30 miles away) - unless I decide to be a seller.

Brian Harris WA5UEK

Date: Mon, 9 Jun 1997 21:13:46 -0400 (EDT)
From: Dave Wood <W4EJ@coastalnet.com>
To: boatanchors@sco.theporch.com
Subject: Hamcom
Message-ID: <199706100113.VAA25236@abaco.coastalnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey gang, quoting from Brian Harris:

"There must have been two HamComs this year, for I think I went to a different one than the one raved about it here on the list."

I agree with Brian! I flew down from NC to go to Hamcom and also run White

Rock Lake in preparation for the marathon in December. As a Heath collector I did not see much there, with the exception of some rather nice Collins stations. The Dallas fest is about the same size as the Raleigh NC hamfest in April. Considering this is the Dallas/Ft. Worth metroplex region I would have thought the fest would have been much much larger. Belton is a much better BA fest in my opinion. I did pick up a Gonset phone patch and a Heath wattmeter at resonable prices. Enjoyed seeing Ronnie Hull and regret that due to my flight schedule, I did not find out about the BA meeting until I returned home. For those that might have noticed, I was wearing my HeathKit shirt. 73 Dave W4EJ

Date: Mon, 9 Jun 1997 21:42:42 -0400 (EDT)
From: JONWEINER@aol.com
To: boatanchors@theporch.com
Subject: Knob needed
Message-ID: <970609214120_-2066776647@emout02.mail.aol.com>

Still need the main tuning knob for an RME 6900. Thanks. Jon, K1VVC

Date: Mon, 9 Jun 1997 20:47:31 -0500
From: "Lionel Booth" <lbooth@comm.net>
To: <Brian.Harris@sv.sc.philips.com>, <boatanchors@theporch.com>
Subject: Re: HamCom, Another view of
Message-ID: <199706100147.UAA05630@able.comm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I agree with you completely. I e-mailed the Hamcom group when I got in last night after a 9 hour drive in the rain. I saw about enough jewelry, art work, "T" shirts, and non-ham related junk. like slot machines to last me perhaps till next July. I drove 545 miles, each way and was really disappointed.

There did not seem to be much marketing or promotion for the event this year. The flyer did arrive, finally 2 or 3 weeks in advance. But reading through it almost prepared me for what I found, low attendance, non-ham junk, few vendors, and high prices.

I've been there 4 times in the 90's this was the low point too me. The DX forum was good, Heard Island, but admitted as impromptu. The QCWA meeting was pleasant and interesting.

The vendor area was "deado" compared to previous years. Only yeasu did anything on a large scale. The same guy there with the "magic" solder that sticks to anything until you get it home.

The BA stuff was there, but real expensive, \$1000 75A4 (nice but geez), a \$750 75A4 (also nice but...). Did see a Halli FPM 300 (or 100?, HF SSB xcvr) for \$100.

The parking and admission was minor to me since I had already committed hundreds to get there and have lodging, but it could be a problem with locals.

In the indoor flea area they went for quantity not quality and at that only filled 60% or so of the place on Saturday. Sunday was dismal with maybe 30% ham stuff, the rest junk (like slot machines, what are we coming too?)

The outdoor flea was much smaller than past but still not bad. At lot of stuff, fair amount of junk and eye of the beholder stuff.

I also noticed that at least one "volunteer" was busy filling out multiple ticket stubs on Sunday morning for the grand prize drawing. I didn't know you could do this at all.

I have told all this to HAMCOM and I would suggest that comments, well thought out and written may be worth sending to them. This could signal the beginning of the end of the Dallas fest as we know it.

N5LB

Lionel Booth
Bush, Louisiana

> From: Brian Harris <Brian.Harris@sv.sc.philips.com>
> To: boatanchors@theporch.com
> Subject: HamCom, Another view of
> Date: Monday, June 09, 1997 8:31 PM
>

Date: Mon, 09 Jun 1997 20:49:29 -0700
From: Joe Eide <jeide@eau.net>
To: boatanchors@theporch.com
Subject: Re: KWS-1 report...
Message-ID: <339CCEC9.1332@eau.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ronnie Hull wrote:

> And since it has no blower, it has no blower hose. Where can I
> get a replacement blower?

Try your local auto parts store. They have air handling hoses
(heater/defroster). Keep the hose as short as you can so as to not
restrict the air flow.

Good luck .. Joe - KB9R

Date: Mon, 9 Jun 1997 22:12:32 -0400 (EDT)
From: Ho4bart@aol.com
To: boatanchors@sco.theporch.com
Subject: Re: PRC-47 question
Message-ID: <970609221229_1275974986@emout20.mail.aol.com>

john.nelson@telops.gte.com (John Nelson) writes:

<< To: Ho4bart@aol.com

PRC-47 LSB FILTER SOURCE:

Fair Radio sells the IF module for the Collins T-618 aircraft radio and it
contains both the LSB and USB
filters that are fully compatible with the PRC-47. In fact, the T-618 USB
filter is the same part number as
the one used in the PRC-47.

I have modified three PRC-47 with the T-618 LSB filter and have not had
any problem. Although I constructed
a module extender to allow fine tuning of the PRC-47 module, adjustments
were not really required. They work
fine by simply exchanging the filter.

Also, I have been told that those nasty germanium transistors used in the
PRC-47 inverter can be replaced by
cheap silicon versions found at Radio Shack. The original xsistors are
over \$25 if bought from ECG or
others, and they seem to fail more often than I can afford. I'll try to
get the RS part number for the gang.

>>

Date: Mon, 9 Jun 97 17:39:24 PST
From: "Dick Dillman" <ddillman@igc.apc.org>
To: boatanchors@theporch.com
Subject: RO Humor
Message-ID: <74532.ddillman@igc.apc.org>

I was communicating by email (Feh!) with one of our ship's Radio Operators when he asked what happened to my old call of N6VS. I told him I hated it on Morse and that W6AWO was chosen the rhythm it has on the key. He replied with the story below which I thought listmembers might enjoy.

----- Forwarded message begins here -----

Hi Dick,

I was on a cargo vessel doing W-Europe - Red Sea, must have been '85, when I heard a colleague who was also a friend calling some coast station on 500Kc. As a joke I wanted to send him a telegram with the most difficult word in dutch 'rithme wise' in cw. Also, as I was on a german vsl, I thought to send it via Norddeich Radio/DAN - calling the guy direct didn't work for some reason, probably bananas in his ears.

So I called them and went up to 512 or so. He didn't get it, no matter how hard I tried, and he tried, and both the opr and me were probably thinking 'what a fool'. He commanded me up to SSB and sure enough, after some hassle, the msg was QSL-ed. Later my friend told me over a beer he had laughed his head of. The actual word, 'eggs of sea urchins' in dutch is: 'zeeeeendeeieren'.

N6VS is a piece of cake.

----- Forwarded message ends here -----

Regards,

Dick

Dick Dillman
WPE2VT W6AWO
<ddillman@igc.apc.org>
Collector of Heavy Metal:

Harleys, Willys and Radios Over 100lbs.

Date: Mon, 9 Jun 1997 21:55:18 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Joe Eide <jeide@eau.net>
Cc: boatanchors@theporch.com
Subject: Re: KWS-1 report.../blower hose
Message-ID: <Pine.ULT.3.96.970609215326.15678A-100000@admin.aurora.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 9 Jun 1997, Joe Eide wrote:

> Try your local auto parts store. They have air handling hoses
> (heater/defroster). Keep the hose as short as you can so as to not
> restrict the air flow.

Another source for hoses is a shop that repairs vacuum cleaners.
They usually have cheap flexible plastic jobs that will fit a lot
of squirrel cage blowers.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Mon, 9 Jun 1997 22:55:37 -0400 (EDT)
From: bz649@cleveland.Freenet.Edu (Kenneth V Zichi)
To: boatanchors@theporch.com
Subject: Tubes (mostly Television) FS
Message-ID: <199706100255.WAA06390@kanga.INS.CWRU.Edu>

I have a box full (just under 200 units) of TV tubes -- everything from
HV Rectifiers to sweep tubes to those funky multi-function
precursors to the ICs that came out in the late 60s just before
all tubes save the CRT vanished from televisions -- that is sitting in
my garage taking up space.

Anyone interested? I have no way to test them, and prefer to
deal locally (I'm in central lower Michigan), but will entertain
offers via mail as a last resort.

Since I cannot test these, and about 90% are pulls -- I'm willing

to let them go cheap (these came with the batch of 100 radio tubes I really wanted....) -- US\$2 each if you pick up and take the whole lot.

I know the going rate for sweep tubes these days, but like I said, I can't test or guarantee these -- (pig in a poke time?), so

Holler at me if you have an interest.... 73

--

73 //kv zichi bz649@Cleveland.FreeNet.edu

Date: 09 Jun 97 23:08:00 EDT
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>
To: BOATANCHORS <BOATANCHORS@theporch.com>
Subject: Need Heath HX-30 Manual
Message-ID: <970610030800_103360.2133_JHL49-1@CompuServe.COM>

Greetings, Troops.

I have here a Heathkit HX-30 six metre SSB transmitter, but no manual.

This rig is definitely, big time STRANGE! There are a bunch of jumper cables with banana plugs on them inside of the cabinet, and there are mating jacks scattered all over the place. I haven't the faintest idea what all this is for (metering and alignment?), and I want to get a handle on what this rig's all about before I even consider trying to fire it up.

I didn't find any listing for the manual on W7FG's web page.

Does anyone have a book for it? I'll pay for a good xerox copy, and, of course, postage.

Thanks in advance,

Tom, K9TA / WPE9GSX

Date: Mon, 9 Jun 1997 22:15:01 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: AU Official Mailing List <official@admin.aurora.edu>

Cc: Boatanchors <boatanchors@sco.theporch.com>
Subject: time change coming June 30
Message-ID: <Pine.ULT.3.96.970609215803.15678C-100000@admin.aurora.edu>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bet that got your attention. No kidding though, if you're not on top of this one, your clocks will be fast come July 1. (As Paul Harvey would say, "and if you haven't enough to worry about.....")

The world's timekeeping and frequency measurement systems are all referenced to atomic standards, being the most stable and accurate sources known. Unfortunately, the earth's rotation is constantly slowing down. So to keep the astronomical time scale (called UT1) in step with the atomic time scale (called UTC) they must periodically insert a "positive leap second" in the UTC scale. The next leap second will be inserted between 23:59:59 June 30 and 00:00:00 UTC July 1. (UTC used to be called GMT and is 5 hours ahead of us so this will happen at 7pm CDT). The use of the leap second insures that UT1 - UTC will always be held within .9 seconds. The last leap second occurred Dec 31, 1995.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Tue, 10 Jun 1997 00:17:37 -0400 (EDT)
From: Doug Hall <dhall@jps.com>
To: boatanchors@theporch.com
Subject: Ranger I/Ranger II mod. xfmr - same?
Message-ID: <199706100417.AAA18462@passport.ipass.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

Can someone who owns a Ranger II tell me the Johnson part number for the modulation transformer? I'm trying to determine whether the Ranger I and Ranger II used the same modulation transformers.

73,

Doug Hall, KF4KL

Date: Tue, 10 Jun 1997 00:54:48 -0700
From: Al Klase <skywaves@bw.webex.net>
To: Mike Rowlands <rowlands@magma.com>
Cc: Boatanchors <boatanchors@theporch.com>
Subject: RACAL RA17-C8 Progress Report
Message-ID: <339D0848.34A3@webex.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mike,

Thanks for the reply, it was definitely helpful. One of the other guys is planning to copy his manual soon, so I asked to be dealt in on that. You seem to have the best handle on these sets so I'll ask you my questions.

I pulled a picture of standard 17 off the net and compared the front panel. This appear to be the way the set was built:

"AVC" switch is "I.F. GAIN" There are NO avc circuits!

Switch under KC Knob is replaced with "D.C. ZERO" trimmer.

No "LIMITER" control.

MODE switch is only 3 positions: STBY OPERATE and CAL

There are only 3 selectivity positions: 1.2, 3, and 8 KC.

Control under MC knob is "SHAPER LEVEL" trimmer.

Never was a METER switch. Meter which has been replaced is wired into the detector circuit. There been some clueless hacking in that vicinity.

Acccording to the rear panel this is "Receiver MK. 2, TYPE No. RA 17 C8"

There is a rear panel bracket labled "converter" with "1 MC/s" and "RF" screw-type coax jacks that go to short unconnected cables inside and 250 volts on screw terminals. (there are also two other unconnected cables coming form the 2-3 MC tuner. The antenna connector is a UHF type. Two more UHF connectors on the right end of the rear are DYMO labled "DF" and "100KC".

Armed with Mike's info, the tube complement from Moore's book, and a block diagram for a Barlow-Wadley XCR-30 portable I carefully dug in. Set showed signs of working but was nearly deaf. The 39.5-40.5 bandpass filter, the one with the do not adjust warning all over it had obviously been tampered with. I hooked up my sweep generator and found it had been peaked for 40 MC. I adjusted it to spread it out as best I could, I'll need the manual to do this properly. This improved reception considerably, say, to the hard of hearing level. A bunch of further poking around, aided by Mike's comment about the tunable IF test point revealed that an extra 300 ohm resistor had been added in series with the IF gain control. Removing this brought sensitivity up to a reasonable level.

At this point I discovered that was no AVC. I hate receivers without AVC! I cobbled up some temporary circuitry to provide AVC, and I'm now convinced that this is a pretty nice radio, worthy of further work.

Does anyone have a parts set? I'm missing the calibrator module that plugs into the 2-3 MC tuner. Also does anyone know what size hardware I'm dealing with here? The cheese head screws gave me a bad flashback to a 1964 Triumph TR-4. (That's Triumph not Drake!) I need a bunch of the quasi-4-40's to screw the shields back in place.

This looks to me like it could be the ULTIMATE BANDCRUISER. It's stable enough that it needs a product detector and a proper AVC for sideband. Anybody know of appropriate mods?

Thanks to everyone who offered encouragement and information. I'll keep you posted on my progress.

CUL,
Al

End of BOATANCHORS Digest 1488

>1489

>From owner-boatanchors@sco.theporch.com Tue Jun 10 13:29 CDT 1997

>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])

> by uro.theporch.com (8.8.6.Beta5/A-UX-3.0.1) with ESMTP id NAA18579

> for <SHIMSHON@URO.THEPORCH.COM>; Tue, 10 Jun 1997 13:29:47 -0500 (CDT)

>Received: from sco.theporch.com (localhost [127.0.0.1])

> by sco.theporch.com (8.8.6.Beta5/SC0-5.0.2) with SMTP id SAA12725;

> Tue, 10 Jun 1997 18:27:09 GMT

>Message-Id: <199706101827.SAA12725@sco.theporch.com>

>Date: Tue, 10 Jun 1997 13:27:09 CDT

>Sender: owner-boatanchors@theporch.com

>From: boatanchors@theporch.com
>To: Amateur Radio Equipment Using Vacuum Tubes <boatanchors@sco.theporch.com>
>Subject: BOATANCHORS digest 1489
>Mime-Version: 1.0
>Content-Type: multipart/mixed; boundary="--
__ListProc__NextPart__865967206432983603"
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN
>Status: 0

BOATANCHORS Digest 1489

Topics covered in this issue include:

- 1) Re: Scott Radio boatanchor ????
by Scott Robinson <spr@earthlink.net>
- 2) SX-111 Glass Dial Cover Help
by ARONGV@aol.com
- 3) Re: 1AC6...
by "Kenneth G. Gordon" <keng@uidaho.edu>
- 4) Tek Plastic Pots
by w7ni@teleport.com (Stan Griffiths)
- 5) R-388 restoration, part one
by eb5agv@ctv.es
- 6) tube, filters
by Rolf Jansson <rolf.jansson@ub.umu.se>
- 7) Dial Cord
by Galpind@aol.com
- 8) Looking for E F Johnson Caps
by n5dc@juno.com (Granville "Jim" B. Lane II)
- 9) TELRAD FREQ STD
by Tom Clinton <Tom.Clinton@faa.dot.gov>
- 10) filter ID?
by DDoonan@vines.etn.com
- 11) Free RTTY equipment
by bdhall@ghg.net (Benjamin D. Hall)
- 12) Fwd: SX-111 Glass Dial Cover Help
by ARONGV@aol.com
- 13) WTB: SX-99 S-Meter or Plastic Cover
by WJoew@aol.com
- 14) Halli HT32 Part Needed
by Frank Scutch-EFS003 <Frank_Scutch-EFS003@email.mot.com>
- 15) Re: Re. INTERNET Junk Mail
by "Thomas A. Adams" <103360.2133@CompuServe.COM>
- 16) Re: SX-111 Glass Dial Cover Help
by "Walter Fairclough" <wfairclo@netcom.ca>
- 17) PART NEEDED - SX100
by Bob Reynolds <breygold@sigg.com>
- 18) SX-111 dial glasses

- by Scott Robinson <spr@earthlink.net>
- 19) Hammarlund HQ-110A BITS WANTED
by BEN NOCK <G4BXD@compuserve.com>
 - 20) RAF T1131 for sale
by BEN NOCK <G4BXD@compuserve.com>
 - 21) R-1004/BA swapfest...
by Ken Gordon <keng@uidaho.edu>
 - 22) RE SX-111 Dial Cover
by ARONGV@aol.com
 - 23) A junk mail defense hint
by "Thomas A. Adams" <103360.2133@CompuServe.COM>
 - 24) WORKING AT HAMMARLUND
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
 - 25) Re: SX-111 dial glasses
by John Shriver <jas@shiva.com>
 - 26) FS: Books, Magazines, & Equipment
by azkb7ryu@aztec.asu.edu (JOEL N. STEENIS)

Date: Sun, 8 Jun 1997 23:48:57 +0100
From: Scott Robinson <spr@earthlink.net>
To: boatanchors@theporch.com
Subject: Re: Scott Radio boatanchor ????
Message-ID: <v03007802afc0e6e93c42@[153.34.140.189]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Hi.....anyone know anything about a Scott Marine Radio model SLRM ?
> it might be an entertainment rcvr for use aboard Navy ships
> but that is just my guess...any help????
>
>Tom A. Dallas,Tx

I believe these were special highly shielded radios designed to minimize LO radiation so no one could RDF you just 'cause you were listening to the Dodgers game. They are mentioned in the history of Scott radio book (Dean of DX) that I have.

Regards,

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Tue, 10 Jun 1997 01:52:59 -0400 (EDT)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Subject: SX-111 Glass Dial Cover Help
Message-ID: <970610015258_272382912@emout20.mail.aol.com>

Hi Gang:

Among the many suggestions was making up a whole new dial cover with frequency markings on it. WB9IOG, who makes HQ clock covers, is considering making acrylic covers, a far better way to go than glass, anyway.

One list member offered to send me his good glass to make a copy, but knowing how easily they break, I'd have a panic attack if something happened to it!

We need a nice 100% Xerox copy of an existing glass cover with the markings intact. The 100% copy is important, especially when alignment time rolls around.

>From the responses I got with suggestions, there have been lots of guys out there with SX-100 series glass dial covers in bad shape. If we can get a nice Xerox, maybe he'll offer a good deal to all hams who are faced with the problem I have or who would like a better, nicer looking and accurate dial cover for an SX-100 series receiver.

Anyone want to help out with a copy? I sure would appreciate it, and surely others would also be grateful down the line. Of course, I'd be willing to pay for copies of that dial cover.

73s & Good Hunting, Ron W00IZ

Date: Tue, 10 Jun 1997 00:08:12 -0800
From: "Kenneth G. Gordon" <keng@uidaho.edu>
To: Bob Rolfness <rsrolfne@atnet.net>
Cc: boatanchors@sco.theporch.com, glowbugs@www.atl.org
Subject: Re: 1AC6...
Message-ID: <199706100709.AAA26355@piobaire.mines.uidaho.edu>

Bob:

Plugged one of the 1AC6's you sent me in place of the 1L6 in your R-1004. Works very well indeed. Will have to realign the tuning a bit since the inter-electrode capacitances are a bit different. However, one good thing: although the rx pulls off frequency a bit just like the R-1004 does with the 1L6 in place when I key the T-784, it INSTANTLY recovers when I lift the key, UNLIKE the 1L6. Also, general sensitivity seems to be much higher.

Shortly after I talked with you on the 'phone, I worked K6KX/mobile CW on 7020 kHz with the GRC-109 combo. He was good and clear, estimated at 579 while he was crossing the Golden Gate Bridge in San Francisco.

Band 3 still seems to be less sensitive than bands 1 and 2, but will be able to test that tomorrow or Wednesday at the shop.

I intend to rewire mine as a test to reverse the connections to pins 5 and 6 since the 1AC6 has those two pins essentially reversed from the 1L6.

Also, the 1AB6 appears to be another replacement for the 1L6. Its base diagram and characteristics are identical to the 1AC6 except that it is has even higher transconductance.

Did you say that the 1AC6 cost only \$4.00 ? That is surely a lot cheaper than the \$30 each for the 1L6.

I will have your R-1004 back to you about a week before field day. I intend to have mine on the air, IF I can find some crankers for the hand-cranked genny. If I can't, I will use the AC supply and a 110 VAC genny, unless I have my DY-88 cabled up to run the GRC-109, in which case I will be running from a battery.

Although I only have a few crystals, field day should be a blast with the GRC-109 and a Vee beam in the trees up on Moscow Mountain!

Take care, and 73,

Ken W7EKB

Date: Tue, 10 Jun 1997 01:06:27 -0700 (PDT)
From: w7ni@teleport.com (Stan Griffiths)
To: Boatanchors@theporch.com
Cc: jbickel@ix.netcom.com

Subject: Tek Plastic Pots

Message-ID: <199706100806.BAA23528@kim.teleport.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I get reports all the time about those Tek-made plastic pots used for variable volts/division controls. I believe they are made of molded nylon. The earliest ones were black with white translucent covers, later ones were white with white covers, and the latest ones were while with grey covers. Anyway, the white ones seem to get brittle and crack parallel to the shaft such that the set screw will no longer bite into the shaft adequately.

I have found a fix for this that has worked several times for me. Nobody said it was easy.

1. Remove the pot from the instrument. This can be the hardest part. It is a different procedure for each instrument and you can't really do a good job without taking the pot out where you can eventually clamp it in a vise or a C clamp.
2. Observe hair line cracks in the plastic near the set screw and parallel to the shaft. These cracks will be in the recesses in the plastic at the weakest point. If you can't see them, try inserting another shaft in the pot and tightening the setscrew. You will see them.
3. I have found an epoxy that seems to work on this plastic (nylon?) very well:

J-B Weld

You can get J-B Weld at local hardware stores or autoparts stores or you can write or phone them at:

J-B Weld

P.O. Box 483

Sulpher Springs, TX 75482

Phone: (214) 885-7696

BTW, not all epoxies I have tried will stick to this pot material.

4. Mix up a little of this two-part epoxy and fill the areas where the cracks form and the similar areas of the pot on the opposite side of the shaft from the setscrew.

5. Clamp it in a vise or C clamp and let it sit for a day or so.

Stan w7ni@teleport.com

Date: Tue, 10 Jun 1997 11:10:21 +0200
From: eb5agv@ctv.es
To: boatanchors@sco.theporch.com
Subject: R-388 restoration, part one
Message-ID: <1.5.4.32.19970610091021.006c2d9c@192.168.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang!

Well, this is the first of a (short, don't worry ;-)) series of articles about my progresses with my recently acquired R-388. Although mentioned in a previous message, I'll give again the basic data of this unit:

SIGNAL CORPS U.S. ARMY
Radio Receiver R-388/URR
Serial 109 Order 3362-Phila-52
COLLINS RADIO COMPANY

The serial number 6168 is stamped in the back panel.

The receiver is missing both covers, the metal piece which keeps the plugin cap and the rectifier tube on place and the tools (any spares around?). It has some 'extras' as the 354A-1 Mechanical Filter Conversion Kit (nice extra, with a 'bad' (read below) 1.4KHz, a good 3.1KHz and a 7.0KHz 'adaptable' filters) and two additional outputs at the rear panel, labeled 'diode load' and 'AGC'.

As I commented in my previous message, it has also some mods: V102 (first mixer) is now a 6DJ8 instead of a 6BE6, V114 (BFO) and V103 (normally 6BA6) are now 6AS6. I have docs for the V102 change and a similar (with a 6BE6) mod for V114. Later mod is not documented (any hint?).

At first glance, the receiver front panel is an 8+, so it needed little work (soft cleaning) to get it in very nice condition. MHz dial is a replaced one, in good condition, and KHz dial is snow white, in perfect condition.

First thing I did was to repair two broken ferrite cores (the only consequence of the shipping; not bad for UPS :-)); as they were broken at one end and I had some of the broken pieces, I could repair them without too much trouble. Anyway, I'm looking for spare ferrites (I need 6, as some other cores were previously repaired; any around?).

Next thing I did was to change the input voltage to 230 VAC, as here in Spain the standard is 220 VAC (a bit lower; good for filaments!). It was an

easy task and need only the temporary removal of a cubic filter screws. Once the voltage change was done and after a visual check, the smoke test began... I knew the receiver worked some days ago, but travel from USA to Spain is long and, as you know, packets are not lovely managed so... ALL RIGHT!. In some seconds, the 'sshhhhhss' of the speaker revealed some activity inside the receiver... Not bad at all!. I had connected to the antenna connector a wire dipole for 40 and 80 meters and the 7 MHz band came up with good signals. I checked the SSB mod with a bit weak but good sound.

After some tweaking with the receiver, I find the first problem: some bands were dead. But not always the same!! Time to put the receiver over its side... Well, when I touched the bandswitching mechanism, near the 'sandwich' contacts, the reception was intermitent... Some contact cleaner spray didn't solved it... After some work, I found that the person who did the 6DJ8 mod was not too good with the soldering iron... Some wire covers melted and not a clean work, as the rest of the mods: the failure was a big solder joint which was too near the chassis; when you moved the bandswitch, it could reach the chassis and the reception was lost. Once it was moved away, all the bands worked; but I plan to redo this previous job as I'm not satisfied with it.

Anyway, I began to note that, in the higher bands (from 15Mhz or so), the R-388 was not too sensitive... I did a fast (with the calibrator) RF alignment for higher bands and I got a bit better reception, but not as good as expected.

In parallel with all of these, I managed to open and repair a 1.4KHz mechanical filter which was sent with the unit as 'probably bad filter'. Yes, it was a 'real bad filter' as it arrived... With the helpful aid of John Kolb (thanks!), I opened the filter and found that one of the coils (I think it was the input coil) was out of its place; putting it on place with a bit of glue to prevent it getting loose again, restored the filter operation... yahooo!!!. I felt very well at that moment :-), you probably know why (\$\$\$)!.

Next day, I took the receiver and did a carefully cleaning of the chassis; it was in good shape, only some dust. The only elements which are corroded are the two transformer 'boxes'; the paint peeled in about a 30% of their surface. I wonder if this is usual... Then I lubed and cleaned all the gears. Now the dial knob has a bit better feeling... I really like it!.

As the receiver performance was not as expected, I decided to pull out all the tubes and check them in my Triplet 3444 transconductance tester. Second BIG surprise!. Two more tubes (apart of the three documented changes) were not the specified ones: V104 was a 6AU6 instead of a 6BA6 and V111 was a 5814A instead of a 12AU7. I _think_ these are not fair substitutions (any comment?) so I decided to look at my tube stock to replace them. And then the third BIGGER surprise!. Of the 19 checked tubes, 9 were weak!!!. And,

the 'best' of all, the 6DJ8 which works as a double triode mixer in my unit was weak and the V106 (6BE6 mixer, premium quality 10M tube, with gold pins!) was weak AND leaking a lot in H-K and G1 tests... Perhaps this was the cause of some oscillations I found in the BC band... I was lucky enough to have spares for all the tubes (including 4 NIB Amperex 6DJ8 I bought in a cheap 400+ tube lot some months ago!) so I could replace all of them with good ones.

After the tube replacement, I went through an RF alignment with the calibrator, as suggested in the July 1991 issue of the Collins Collector's Magazine (devoted to the 51J-4; I highly recommend reading it). Now the receiver works better in all bands; only on 21MHz and upper bands I still detect a lower sensitivity than expected, but anycase, far better than before. I plan to continue working in this area.

Well, that's all for now!. Sorry for the long message... Please, if you have any comment / hint about R-388(A) alignment, let me know... this is my first R-388 :-)!

BTW, I plan to add soon an special section on the R-388 in my WEB page... stay tuned!.

Thanks and best regards.

JOSE

73 JOSE V. GAVILA (EB5AGV / EC5AAU)
Ausias March 46, 15
46910 Benetusser - VALENCIA
SPAIN

***** PLEASE, VISIT MY HOME PAGE! *****

<http://www.geocities.com/SiliconValley/6992/>
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

Date: Tue, 10 Jun 1997 11:30:50 +0200
From: Rolf Jansson <rolf.jansson@ub.umu.se>
To: boatanchors@theporch.com
Subject: tube, filters
Message-ID: <3.0.2.32.19970610113050.0097a7d0@ub.umu.se>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi just wondering what brand,type of tubes/filters should it be
in my R-390a EAC from 1968 ??

regards Rolf

Date: Tue, 10 Jun 1997 07:48:05 -0400 (EDT)
From: Galpind@aol.com
To: boatanchors@theporch.com
Subject: Dial Cord
Message-ID: <970610074801_780746311@emout08.mail.aol.com>

Josh Wrote:

I know it was discussed a while back, but I'm having *terrible* luck
with the only braided fishing line stocked in my local W-mart (it's
Stren PowerBraid Kevlar).

The stuff works *if and only if* I crank up the tension to the point
where I know it'll eventually bend/break things in the radio, exactly
the type of damage I'm trying to repair.

I'm looking for something that's rough so it doesn't
slip on the pulleys, and that doesn't stretch (short term)
so there's not tons of backlash, and won't shrink a lot
over the long term.

P.J. "Josh" Rovero home: provero@connix.com

I have been using "real" dial cord. The spool is labeled GC Electronics,
Rockford, IL 61102. I got it at one of my local electronics stores (not Rad
Shack). You might be able to find some at an independent shop, or you could
try writing to GC.

Good Luck

Dave Galpin KB0LP

Date: Tue, 10 Jun 1997 06:59:04 -0500
From: n5dc@juno.com (Granville "Jim" B. Lane II)
To: boatanchors@theporch.com
Subject: Looking for E F Johnson Caps
Message-ID: <19970610.065905.8574.0.n5dc@juno.com>

I'm looking for the following E F Johnson caps. I will accept substitutes
2ea 160-208- pf per section miniature butterfly
6 ea 160-104 9-pf miniature variables.
I also need: 4 20kv 500-pf TV-type caps
 6 or more 500-pf button micas
If you can help drop me a not at my juno address.
Tks de N5DC "Jim"

Date: 10 Jun 1997 08:27:22 -0400
From: Tom Clinton <Tom.Clinton@faa.dot.gov>
To: boatanchors@sco.theporch.com (Return requested)
Subject: TELRAD FREQ STD
Message-ID:
 <06168339D482A059*/c=US/admd=ATTmail/prmd=gov+dot/o=faa/s=Clinton/g=Tom/@MHS>
Content-Identifrier: 06168339D482A059
Content-Return: Allowed

Anyone have a manual/schematic for a TELRAD 18A frequency standard? I picked one up at the Dayton hamfest and need some info. It appears to be of 40's or 50's vintage and is housed in sort of an olive drab crinkle finish case about 6 inches wide, 8 inches tall and about 8 inches deep. It's vacuum tube, of course, and has a frequency selector knob for 1000, 100, and 10 KC. Obviously it has a multivibrator to count down the dual 1000/100 crystal to 10 KC. In addition it has an amplifier/multiplier since it has a bandswitch and an output tuning knob - I suppose to enhance the particular harmonic for the freq you are interested in. Unit says on the front that it is made by the Fred E. Garner Co., Chicago and is in beautiful cosmetic shape. The multi V is not working though as there is no output on 10KC.

Any information on this unit or the Fred E. Garner company (never heard of them) would be appreciated. Glad to pay the usual copy/shipping fees, etc.

I am not receiving boatanchors digests at the present time so I would appreciate responses directly to:

Tom.Clinton@faa.dot.gov

Many thanks and 73, Tom W4ULL

Date: 10 Jun 97 08:36:59 EDT
From: DDoonan@vines.etn.com
To: boatanchors@theporch.com
Subject: filter ID?
Message-ID: <0027iswakmak.0027hbtbbpzt@vines.etn.com>

Hi Gang,
I could use some help identifying a couple of military filters that recently followed me home. They are marked:
F-15/U
A-0387
CAQW
338-DAY-DE-RC
and stamped SC 405 a
They black wrinkle boxes with an S0-239 on either end. Four shock mount clips are on the bottom. A dummy plate with post for the mounts are also attached.
The CAQW is Drake manufacture. Any thoughts on what they are????
Thanks.
73
Dennis, KG9DO
ddoonan@vines.etn.com

Date: Tue, 10 Jun 1997 09:03:08 -0500
From: bdhall@ghg.net (Benjamin D. Hall)
To: boatanchors@sco.theporch.com
Subject: Free RTTY equipment
Message-ID: <3.0.32.19970610090230.006987cc@mailman.ghgcorp.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Repost from rec.radio.swamp, I know someone was looking for a model 19, reply to them not me, I'm just the messenger...

> From: "John Earl" <jpearl@interaccess.com>
>FREE FREE FREE FREE -- RTTY EQUIPMENT - GIVE AWAY
>INCLUDES THE FOLLOWING --ALL MOUNTED ON STAND:
> MODEL 15/19 PRINTER
> TYPING REPERFERATOR
> TRANSMITTER - DISTRIBUTOR
> PRINTER PAPER RE-SPOOLER
> ALSO:
> INCLUDES ALL SERVICE MANUALS

> 4 ROLLS OR PRINTER PAPER
> 1 ROLL OF PUNCH PAPER TAPE
> PATCH PANEL
> LOOP SUPPLY
> CABLES.
>FIRST COME FIRST TAKE!!!!-- WEDNESDAY 6/11 IT GOES TO SCRAP!!!!!!
>email to dearl@juno.com

73 y'all,
Ben

Date: Tue, 10 Jun 1997 10:12:41 -0400 (EDT)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Cc: ARONGV@aol.com
Subject: Fwd: SX-111 Glass Dial Cover Help
Message-ID: <970610101239_406774322@emout12.mail.aol.com>

Help may be on the way for those like me who have an SX-100 series (SX-111 in my case) receiver with front panel dial glass problems.

Forwarded message:
Subj: SX-111 Glass Dial Cover Help
Date: 97-06-10 01:53:37 EDT
From: ARONGV
To: boatanchors@theporch.com

Hi Gang:

Among the many suggestions was making up a whole new dial cover with frequency markings on it. WB9IOG, who makes HQ clock covers, is considering making acrylic covers, a far better way to go than glass, anyway.

One list member offered to send me his good glass to make a copy, but knowing how easily they break, I'd have a panic attack if something happened to it!

We need a nice 100% Xerox copy of an existing glass cover with the markings intact. The 100% copy is important, especially when alignment time rolls around.

>From the responses I got with suggestions, there have been lots of guys out there with SX-100 series glass dial covers in bad shape. If we can get a nice

Xerox, maybe he'll offer a good deal to all hams who are faced with the problem I have or who would like a better, nicer looking and accurate dial cover for an SX-100 series receiver.

Anyone want to help out with a copy? I sure would appreciate it, and surely others would also be grateful down the line. Of course, I'd be willing to pay for copies of that dial cover.

73s & Good Hunting, Ron W00IZ

Date: Tue, 10 Jun 1997 10:34:32 -0400 (EDT)
From: WJoeW@aol.com
To: boatanchors@theporch.com
Subject: WTB: SX-99 S-Meter or Plastic Cover
Message-ID: <970610103428_-894430958@emout09.mail.aol.com>

I am still needing a cover for an SX-99 S-meter or even a complete S-meter. I have a decent SX-99 with a busted S-meter cover.

If anyone out there has one you could part with, I would like to hear from you.

Thanks.

Joe
W5WBR

Date: Tue, 10 Jun 1997 9:55:10 -0500
From: Frank Scutch-EFS003 <Frank_Scutch-EFS003@email.mot.com>
To: boatanchors@theporch.com
Subject: Halli HT32 Part Needed
Message-ID: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>

Hi BA'ers:

I'm in the process of restoring an HT32 and I'm in need of the 9Mc transformer (xformer T1 - part no. 050-000756) located on the 9Mc oscillator subassembly. It's the tall coil in the can on the upper left of the chassis.

If anyone can help or direct me to an HT32 parts rig I'd really appreciate it. I'd love to get this radio back on the air.

Frank, W4FMS

efs003@email.mot.com

Date: 10 Jun 97 11:28:59 EDT
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>
Subject: Re: Re. INTERNET Junk Mail
Message-ID: <970610152859_103360.2133_JHL65-1@CompuServe.COM>

Hello, Gang.

The recent posts regarding junk mail have been interesting. If mail from some dude trying to sell you tubes is all you've been getting, count yourself lucky. There are much nastier little protocapitalists out there on the net.

I have to wonder exactly WHERE these people are getting thier lists of E-MAIL addresses. I have to assume that many of them are random in regard to client interests vs. product offered.

I got hit with a real classy peice of junk mail a couple of months back. The lowlife scumbag who sent it was offering to sell me child pornography, both print and video. There was a listing of five pages of some of the sickest crap I've ever seen. VISA and Mastercard accepted.

I'm no prude by ANY stretch of the imagination, but the stuff described made me want to throw up.

The interesting part of all this was that the personalized cover memo INCLUDED MY HAM CALLSIGN as part of the opening salutation; ie, "Dear Thomas, K9TA"!!!

What REALLY made my blood boil was the cute little disclaimer at the end of the message.

It said essentially that if this was a "product" that I wasn't interested in, they were sorry to have sent the message. However, they would be sending ADDITIONAL offerings at roughly 2 week intervals, unless I canceled them! Sort of a "Porn of the Month Club". Cancellation could NOT be done by E-MAIL however; they demanded that I WRITE to them, snailmail, asking to be removed from the E-MAIL list!

I rather thought that this touch required a pair of solid brass cajones on their part, so I had absolutely no regrets or moral compunctions about my response to thier little note.

I called the State's Consumer Protection agency. They were VERY interested, and asked that I immediately forward the message to them via E-MAIL.

I never wrote asking to be removed from this turkey's list, but I sure as hell haven't heard anything from this scum since! I sincerely hope they busted his / her / it's tail bigtime!

73's,

Tom, K9TA / WPE9GSX

Date: Tue, 10 Jun 1997 11:34:03 -0400
From: "Walter Fairclough" <wfairclo@netcom.ca>
To: <boatanchors@theporch.com>
Subject: Re: SX-111 Glass Dial Cover Help
Message-ID: <199706101534.LAA03266@tor-srs2.netcom.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

For what its worth, there is another way to turn out professional quality stuff. An outfit that does silk screening, having the latest technology, can take a picture of an existing dial cover and reproduce it exactly using silk screening. I'm not sure of the exact process but an outfit here is going to do the front panel of an SX-43 for me and they guarantee excellent results.

You may want to check with a silk screening outfit in your area.

Regards

Walter Fairclough
Manotick, Ontario
wfairclo@netcom.ca

Date: Tue, 10 Jun 1997 11:31:54 -0500
From: Bob Reynolds <breynold@sigg.com>
To: boatanchors@sco.theporch.com
Subject: PART NEEDED - SX100
Message-ID: <97Jun10.112840cdt.19703@firewall.sigg.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Disposition: inline

I am looking for a "function" switch for the SX-100, Anyone have one they will part with ?

Thanks & 73, Red K5VOL

breynold@sigg.com (near Chicago)

Date: Tue, 10 Jun 1997 10:34:55 -0700
From: Scott Robinson <spr@earthlink.net>
To: boatanchors@theporch.com
Subject: SX-111 dial glasses
Message-ID: <339D903F.A802156B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

Watch out! Most copiers purposely don;t do exactly 100% at the X! setting. Tweak and test!

--
Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Date: Tue, 10 Jun 1997 13:33:26 -0400
From: BEN NOCK <G4BXD@compuserve.com>
To: Multiple recipients of l <boatanchors@sco.theporch.com>
Subject: Hammarlund HQ-110A BITS WANTED
Message-ID: <199706101333_MC2-1836-1463@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

I picked up the above rx today, a rare find in the UK. =

I thought there was something missing and sure enough, when I got home and looked at the manual, I see the clocks not there. There is just a plate with the Hammy symbol on.

So, if anyone can supply the clock, I would be most interested etc etc.....

And... If there is a matching speaker for the above set, I'd be very interested in obtaining one.

swap or purchase

Ben G4BXD, Curator,
MILITARY WIRELESS IN THE MIDLANDS MUSEUM

Date: Tue, 10 Jun 1997 13:33:28 -0400
From: BEN NOCK <G4BXD@compuserve.com>
To: Multiple recipients of 1 <boatanchors@sco.theporch.com>
Subject: RAF T1131 for sale
Message-ID: <199706101333_MC2-1836-1464@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

FOR SALE: (UK enquiries only)

VINTAGE RAF TRANSMITTER T1131

COMPLETE SET, RACK, PSU, MOD, RF CHASSIS

SOME VALVES, SET NEEDS RESTORATION

OPEN TO OFFERS FOR SWAP OR PURCHASE, =

LOOKING FOR ANY MILITARY HF SETS, IN
PARTICULAR, 11, 12, 21, 1082/1083 ETC.

CONTACT: Ben on 106312.1035@compuserve.com

Date: Tue, 10 Jun 1997 10:42:33 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: rsrolfne@atnet.net
Cc: glowbugs@www.atl.org, boatanchors@sco.theporch.com
Subject: R-1004/BA swapfest...
Message-ID: <Pine.BSF.3.95.970610103334.1576A-100000@piobaire.mines.uidaho.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Bob and other list members with the R-1004

First:

The R-1004 is working fine on band 3 now. I heard as many stations on 20 late this morning as I can hear on the SB-301. Gain is lower than on bands 2 and 1, but sensitivity seems to still be there. Noise is lower too. Will give you a more definitive report as soon as I can get it to the shop.

Secondly:

There IS a swapfest/hamfest in Rathdrum, Idaho this Saturday, June 14, 1997. It starts around 7:30 AM with breakfast. No entry fee or parking fee. Raffle of at least two radios, maybe three and other goodies. Lunch will also be served. Tables are apparently free too. Talk in on 147.080 repeater. Talk to KC7PPP among others.

Place is Senior Citizens Center. To get to it, from I-90 (either direction) take the Hiway 41 cutoff to Rathdrum. Senior Citizens Center will be on the left side shortly BEFORE getting to Rathdrum. Their big, white disaster bus will be there too.

I hope you can make it. I am not sure I can make it there, but will try to. In any case, let me know what you find there.

Thirdly:

I am trying to find out the military nomenclature numbers/description for the gas-engine driven generator power-supply which originally came with the AN/GRC-9 and will post to you when I find out.

Take care, 73,

Ken W7EKB

Kenneth G. Gordon W7EKB	College of Mines and Earth Resources
226 N. Washington St.	//or// University of Idaho
Moscow, Idaho 83843	Moscow, Idaho 83844
(208)-882-8745	(208)-885-6133
Great Highland Pipes, Amateur Radio, Electronic Consulting, Home-Schooling	
Traditional Roman Catholic	

My PGP Public Key Upon Request.

Date: Tue, 10 Jun 1997 14:02:52 -0400 (EDT)
From: ARONGV@aol.com
To: boatanchors@theporch.com
Subject: RE SX-111 Dial Cover
Message-ID: <970610140250_-1964627151@emout01.mail.aol.com>

Hi Gang:

I've been really impressed with the wealth of info coming in to me off the list on how to make a new dial cover for the Sx-111. The problem is that most guys assume I have the old glass. I don't, not even a piece of it.

A couple of guys on this list were trusting enough to offer me their glass on loan so I could make an accurate new one. But i would feel just awful if something happened to that glass in transit.

My choice is to either come up with an SX-111 junker or restorable unit and copy the glass, or go the other route with acrylic.

To save everyone in my predicament time, I would pay good money for a junker or restorable, and then at cost (and finding a way to ship) offer accurate, new glass to guys on the list. I think once I get the hang of it, if i had some spare SX-100 series glass to work with, I could offer a not-for-profit service to this list, but nowhere else, as I already have "a day job."

But, if I don't get something to work with, I'll take the path of least resistance and go straight to acrylic.

Thanks to everyone who have offered options and good advice.

73s Ron W00IZ

Date: 10 Jun 97 14:16:59 EDT
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>
To: BOATANCHORS <BOATANCHORS@theporch.com>
Subject: A junk mail defense hint
Message-ID: <970610181658_103360.2133_JHL55-1@CompuServe.COM>

Greetings, Troops.

The BA digest isn't out yet, but I have already gotten a couple of replies re. the junk mail I got hit with. While this isn't really BOATANCHOR related, I am asking forbearance on this posting, since this seems to be a problem that numerous BA recipients are having.

It was pointed out to me that there are folks out there using search engines that collect E-MAIL addresses from USENET, web pages, etc. to compile mailing lists.

For some time, I've been using the same sort technology to find out exactly where on the net I am.

Just for yucks, use your search engine (EXCITE, Yahoo, whatever) to do a search on your name, about once a month. Ditto your E-MAIL address. The better engines will also search USENET.

The results can be enlightening, and the invalid hits can be amusing. For instance...

It seems that Thomas Adams invented chewing gum. He was also Prime Minister of the Bahamas at one time.

You'll also get a TON of geneology hits. It seems that Thomas Adams is sprinkled thruout Irish history, but I doubt that they're related... unless they were BLACK Irish!!! :-)

I ran a search on a coworker, and he was somewhat surprised to find out that he's under indictment in Illinois, accused of embezzling from the Chicago Housing Authority!

73's,

Tom, K9TA / WPE9GSX

Date: Tue, 10 Jun 1997 13:11:14 -0400 (EDT)
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
To: boatanchors@theporch.com
Subject: WORKING AT HAMMARLUND
Message-ID: <9706101311.aa13868@pcusa01.ecunet.org>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

To: boatanchors@theporch.com

Yes, the HX-50 was a disaster. I had an HX-50 and an HX-50A, what a pain to align. I called it the Drifty Fifty.

Did Jack Sheider live in River Vale, New Jersey? I think I lived just up the street from him when I was a kid. I also hung out with a boy who I recall was his son, also named Jack, or is my memory faded?!

-John Sehring (Fri, Jun 6, 1997 2:25 pm MT @Baker, Montana) UCC WB2EQG

Date: Tue, 10 Jun 1997 14:20:38 -0400 (EDT)
From: John Shriver <jas@shiva.com>
To: spr@earthlink.net
Cc: boatanchors@theporch.com
Subject: Re: SX-111 dial glasses
Message-ID: <199706101820.0AA27887@shiva-dev.shiva.com>

More importantly, put a known accurate ruler next to the dial glass in the X and Y coordinates. Many copiers don't even have the same magnification in X and Y. This allows the recipient to correct the scaling.

Date: Tue, 10 Jun 1997 11:26:03 -0700 (MST)
From: azkb7ryu@aztec.asu.edu (JOEL N. STEENIS)
To: boatanchors@theporch.com
Subject: FS: Books, Magazines, & Equipment
Message-ID: <9706101826.AA13135@aztec.asu.edu>
Content-transfer-encoding: 7BIT

Hi Gang,

I have been cleaning out my shack and have the following items for sale:

Hallicrafters HT-37 Transmitter
Good electrical and cosmetic condition. With original manual. \$125.00

Heath GD-1B Grid Dip Meter

Excellent electrical and cosmetic condition with original manual and a complete set of coils. \$15.00

Heath AM-1 Antenna Impedance Meter

Good electrical and cosmetic condition. \$5.00

Radio Handbook By Editors and Engineers (1946, 10th edition)

Good condition. \$20.00

Radio Handbook By Editors and Engineers (1949, 12th edition)

Excellent, like new condition. \$25.00

Radio Handbook By Editors and Engineers (1951, 13th edition)

Binding is torn one one side, otherwise very good condition. \$15.00

Heathkit 1958 Electronics Kit Catalogue

Good condition. \$5.00

Midland 1962 Catalogue

1598 Pages. Good condition. \$5.00

Walter Ashe 1952 Catalogue

VERY GOOD condition. \$5.00

Electric Radio Magazines, August 1995 to November 1996 (76-91)

All are in good condition. \$5.00

Please note that shipping is not included.

A more complete listing of items for sale is available in the boatanchor archives. The file name is "kb7ryu.forsale" Thanks.

73, Joel KB7RYU

--

Phoenix, Arizona

End of BOATANCHORS Digest 1489

>1490

>From owner-boatanchors@sco.theporch.com Tue Jun 10 20:47 CDT 1997
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
> by uro.theporch.com (8.8.6.Beta5/A-UX-3.0.1) with ESMTP id UAA19071
> for <SHIMSHON@URO.THEPORCH.COM>; Tue, 10 Jun 1997 20:47:53 -0500 (CDT)
>Received: from sco.theporch.com (localhost [127.0.0.1])
> by sco.theporch.com (8.8.6.Beta5/SCO-5.0.2) with SMTP id BAA01121;
> Wed, 11 Jun 1997 01:46:48 GMT
>Message-Id: <199706110146.BAA01121@sco.theporch.com>
>Date: Tue, 10 Jun 1997 20:46:47 CDT
>Sender: owner-boatanchors@theporch.com
>From: boatanchors@theporch.com
>To: Amateur Radio Equipment Using Vacuum Tubes <boatanchors@sco.theporch.com>
>Subject: BOATANCHORS digest 1490
>Mime-Version: 1.0
>Content-Type: multipart/mixed; boundary="--
__ListProc__NextPart__865993495432996747"
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN
>Status: 0

BOATANCHORS Digest 1490

Topics covered in this issue include:

- 1) What? No Glow?
by "Freeberg, Scott (STP)" <qc01870@stp03.guidant.com>
- 2) Where is Frederick fest.
by "Walter L. Marshall" <wmarshall@CapAccess.org>
- 3) Re: RE SX-111 Dial Cover
by Richard Loken <richardlo@devax.admin.athabasca.ca>
- 4) RE: Where is Frederick fest.
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 5) Schaumburg, IL Johnson Viking I w/vfo
by steven@ix.netcom.com (Steve M Fried)
- 6) Re: Re. INTERNET Junk Mail
by Jeffrey Herman <jeffreyh@hawaii.edu>
- 7) F-15 filter ID?
by Michael Hanz <AAFRadio@erols.com>
- 8) Re: HRO-60 Problem/Help Appreciated Please
by Bob Login <jlogin@gville.mindspring.com>
- 9) RDR
by Surplus Al <surplsal@tl.infi.net>
- 10) Re: Hallicrafters Infomercial
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
- 11) Info needed

- by Surplus Al <surplsal@tl.infi.net>
- 12) Arlington hamfest & KWS-1 prices
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
- 13) ARC-5 Endpoint Alignment?
by dfrancis@iex.net (Dexter Francis)
- 14) Re: 10 meter activity
by Mike Toneri <toneri@ils.net>
- 15) Re: Halli HT32 Part Needed
by Mike Toneri <toneri@ils.net>
- 16) Re: Ranger I/Ranger II mod. xfmr - same?
by Mike Toneri <toneri@ils.net>
- 17) Re: What? No Glow?
by Mike Toneri <toneri@ils.net>
- 18) The story on Emodus
by bdhall@ghg.net (Benjamin D. Hall)
- 19) Re: HAMCOMM
by "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
- 20) Re: Hammarlund HQ-110A BITS WANTED
by Bill Meara <wmeara@erols.com>
- 21) Support/info for E. H. Scott stuff
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 22) Re: ARC-5 Endpoint Alignment?
by Ken Gordon <keng@uidaho.edu>
- 23) RME 45 S-meter available
by "Thomas A. Adams" <103360.2133@CompuServe.COM>
- 24) Parting out T-195 / GRC-19
by "Thomas A. Adams" <103360.2133@CompuServe.COM>
- 25) ADMIN: STOP the junque email thread-PLEASE!
by listown@jackatak.theporch.com (List Admin/Owner Radio Mail Lists)
- 26) Re: ARC-5 Endpoint Alignment?
by Sandy W5TVW <ebjr@worldnet.att.net>
- 27) Re: ARC-5 Endpoint Alignment?
by Al Klase <skywaves@bw.webex.net>
- 28) RE: R-388 restoration, part one
by "Bryan A. Stephens" <mail08458@pop.net>
- 29) Fire and Brimstone
by k1zat@dsport.com
- 30) R-390A Dial Glass
by "Allan Fritsche" <fritsche@msn.com>
- 31) Re: Hammarlund HQ-110A BITS WANTED
by "Roger A. McCarty" <rmccarty@deltanet.com>

Date: Tue, 10 Jun 1997 13:57:00 -0600
From: "Freeberg, Scott (STP)" <qc01870@stp03.guidant.com>
To: "'Boatanchors@theporch'" <boatanchors@sco.theporch.com>
Subject: What? No Glow?

Message-ID: <199706101852.NAA27576@inetgw.stp.guidant.com>

My thanks to the folks on the list for providing information on using the 3B28s in place of the defective 866s for my Johnson Viking Valiant I. I purchase two NOS 3B28s and installed them and the transmitter works great. Wow, what a transmitter!!! I love using it on the air!

After installing the tubes, I turned the filaments on. Hmmm, no rectifier glow. The 866s would have been really bright. Turned the light off, no glow. I might have seen a filament in there, not sure. Turned the plate switch on, nothing. The 866s would have been amazingly bright here. No glow. Tried tuning it up (of course) and it tuned up just fine. Still no glow. Gee, I am glad to have more reliable tubes that wont arc over in there but they LEFT OUT THE BEST PART! Wheres the blinding blue glow? ;-)

Second thing. I first tried the transmitter with the cabinet off. When I turned the Plate switch on, there was only the click of the plate switch, and click of the relay. Thats it. No Thunnnnnnk, or Clunnnnnnk.

At first I thought something was wrong. Nope, had full output on 80 meters. I did not realize how much the transformer rattled the cabinet!

I originally figured that much of the racket must be due to massive relays and other "transmitter stuff" rather than magnetic induced vibration. Amazing. Yes, I will put the case back on. Much to dangerous without it!

See you on 3.579 Mhz.

73,

Scott WA9WFA, St. Paul Mn
Johnson Viking Valiant I and National NC300, wow what a rig!

Date: Tue, 10 Jun 1997 15:23:59 -0400 (EDT)
From: "Walter L. Marshall" <wmarshall@CapAccess.org>
To: boatanchors@sco.theporch.com
Subject: Where is Frederick fest.
Message-ID: <Pine.SUN.3.91-FP.970610152156.21723D-100000@cap1.capaccess.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Dear Anchor People,
Where is that fest in Fredneck Md?
Walter

Date: Tue, 10 Jun 1997 13:28:53 -0600 (MDT)
From: Richard Loken <richardlo@devax.admin.athabascau.ca>
To: ARONGV@aol.com
Cc: boatanchors@theporch.com, ~richardlo@devax.admin.athabascau.ca
Subject: Re: RE SX-111 Dial Cover
Message-ID:
<Pine.PMDF.3.95.970610132435.541065992A-1000000@devax.admin.athabascau.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

If a photocopier is not accurate enough to copy the glass panel then take it to a good print shop and have it photographed onto a full size transparency which can then be used to make the silk screen. That should cost the donor not much over ten bucks and there is much less risk of the glass being broken broken as the owner will be guarding it with his life all the time it is out of the radio.

This will give you excellant quality which the photocopier will be hard pressed to approach.

Richard Loken VE6BSV, Systems Programmer - VMS : "...underneath those
Athabasca University : tuques we wear, our heads
Athabasca, Alberta Canada : are naked!"
** richardlo@admin.athabascau.ca ** : - Arthur Black

Date: Tue, 10 Jun 1997 15:27:57 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: boatanchors@sco.theporch.com
Subject: RE: Where is Frederick fest.
Message-ID: <55677.owen@piper.eeel.nist.gov>

In message Tue, 10 Jun 1997 15:23:59 -0400 (EDT),
"Walter L. Marshall" <wmarshall@CapAccess.org> writes:

> Dear Anchor People,
> Where is that fest in Fredneck Md?
> Walter
>

The Frederick County Fair Grounds on E. Patrick St. 73 Jim K4CGY

Date: Tue, 10 Jun 1997 15:34:22 -0500 (CDT)

From: steven@ix.netcom.com (Steve M Fried)
To: boatanchors@sco.theporch.com
Subject: Schaumburg, IL Johnson Viking I w/vfo
Message-ID: <199706102034.PAA25757@dfw-ix14.ix.netcom.com>

Hi local BAers:

Requesting local help (I'm in Schaumburg)

Picked up a Viking I with vfo this weekend.

I have spent more than three days cleaning out the mice droppings, food, and worse - tobacco and nicotine stains on the panel face from the last twenty years.

I washed the cabinet with soap and water (in my driveway) - you wouldn't believe how dirty and grimy that cabinet was. Now it looks clean and bright (at least for black wrinkle finish). Cleaned and polished the panel face, knobs, etc., and now it looks "almost" new (that's a stretch). I bet I put in 16 or more hours on it. Guess that's what we call BA enjoyment.

Nothing in the rig is burned, broken, or butchered. Our little mice (engineering) friends couldn't get into the actual rig because it has the TVI shielding kit mod and it was so well buttoned up.

So far, I know there are no shorts in the low or high voltage supplies. The vfo works and keys, crystal control oscillates on frequency, etc.

Will need some help with the final amplifier and high voltage area.

I have no test equipment yet, so I am looking to bring the Viking I over to a ham shack (test facility) for additional voltage tests (high voltage, bias, etc).

Anyone local can spare some time and a test area? That would be great and appreciated. In return I can offer my little Cessna 150 for local use (aerial photography, instruction, or whatever). It has 180hp, sea plane prop, droop tips, leading edge cuffs, but that's another story!

73

Steve K2PTS
Schaumburg, IL
(847) 985-5766

Date: Tue, 10 Jun 1997 10:40:31 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: "Thomas A. Adams" <103360.2133@CompuServe.COM>
Cc: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>
Subject: Re: Re. INTERNET Junk Mail
Message-ID: <Pine.GSO.3.95q.970610103514.19317B-100000@uhunix3>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> I have to wonder exactly WHERE these people are getting thier lists of E-MAIL
> addresses. I have to assume that many of them are random in regard to client
> interests vs. product offered.

Boy, this is getting *really* Off Topic...

There are programs for sale that claim to be able to grab 10,000 email addresses per hour off of the UseNet postings, and such programs will then automatically forward your pre-written advertisement to those lifted addresses. That's why you see folks trying to alter their addresses now when they post an article to UseNet (now called NetNews).

Date: Tue, 10 Jun 1997 16:55:26 -0700
From: Michael Hanz <AAFRadio@erols.com>
To: boatanchors@sco.theporch.com, ddoonan@vines.etn.com
Subject: F-15 filter ID?
Message-ID: <339DE96E.6B54@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dennis Noonan wrote:

> I could use some help identifying a couple of military
> filters that recently followed me home. They are marked:
> F-15/U

These were for the ART-5 through ART-11 airborne German tank AM comm jammers - basically a power flip-flop with a tuned tank using a pair of 35TG triodes. They were FM modulated over about a 4 mHz band by a tank capacitor driven with the fan motor! As I understand it, they tried these things out and discovered they had all sorts of harmonics which interfered with the aircraft's other avionics...duhhhh!

...resulting quick contract to Drake to cure the problem. I have one for the set I'm putting together...has a bandpass of about 100mHz, with a dip at about 60mHz. Great example of early Drake engineering! I can give you exact figures if you're interested. Thanks to Fred Chesson thru Ray Mote for the initial connection, which came from the mounting plate!.

--

73,
Mike Hanz, KC4TOS
Herndon, VA
AAFRadio@erols.com

Date: Tue, 10 Jun 1997 17:26:23 -0400
From: Bob Login <jlogin@gville.mindspring.com>
To: boatanchors@theporch.com
Subject: Re: HRO-60 Problem/Help Appreciated Please
Message-ID: <199706102133.RAA26311@brickbat8.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:08 PM 6/8/97 -0400, you wrote:

>Hi Fellows- Have a 60 that appears to be working with reduced sensitivity on bands that are single
>conversion
>but on double conversion it is not working. Checked tubes involved 6be6 and
>ok. Voltages are
>not. No plate voltage-other readings on 2nd hf conv look ok. Checked and
>cleaned switch that
>functions when double conversion coils are installed--all contacts look ok.
>I also checked the coil in the plate circuit -T10 and L19 looks open. Even
>if L19 is open cann't figure why I have no
>plate voltage on 2nd conv??---
>
>I would appreciate any advice/help---73's Bob AA8A
>
>

Date: Tue, 10 Jun 1997 19:06:26 -0400
From: Surplus Al <surplsal@tl.infi.net>
To: boatanchors@sco.theporch.com
Subject: RDR
Message-ID: <339DDDF2.6A43@tl.infi.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Someone was looking for an RDR Maint Manual. Please contact Al.
73 Al W3UGD

Date: Tue, 10 Jun 1997 17:04:51 -0500
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
To: "Mike O'Brien" <mobrien@lib.drury.edu>
Cc: boatanchors@theporch.com
Subject: Re: Hallicrafters Infomercial
Message-ID: <3.0.32.19970610170448.006f39fc@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:00 AM 6/9/97 +0000, Mike O'Brien wrote:
>Rick Myers tells of hearing a "Hallicrafters infomercial" on the radio
>this weekend and wonders what it was...
>
>It was a 45-rpm record put out by Hallicrafters as a promotional gimmick
>in 1959. Titled "The Amazing World of Short Wave Listening," it featured
>then-popular radio-TV commentator Alex Dreier as the narrator.

Just how rare is this 45 with it's jacket?
I'd like to find one at a collectors show!

Robert M. Bratcher Jr.
E-mail to:
bratcher@worldnet.att.net
Record collector, 8mm, super 8, 16 and 35mm Film collector.
Looking for prerecorded reel to reel tape albums.
I like old radio's too.
Collins, Hallicrafters, National & Hammurland are my Favorites!

Date: Tue, 10 Jun 1997 16:48:35 -0400
From: Surplus Al <surplsal@tl.infi.net>
To: boatanchors@theporch.com
Subject: Info needed
Message-ID: <339DBDA3.11A@tl.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is not BA related but one can send me a private Email. Need detailed information how to transfer info from Microsoft Works to Email I guess the many years of looking at those glowing filaments froze up the thinker. Thank you Al W3UGD

Date: Tue, 10 Jun 1997 17:17:12 -0500
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
To: boatanchors@sco.theporch.com
Subject: Arlington hamfest & KWS-1 prices
Message-ID: <3.0.32.19970610171708.006bcafc@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I guy had 2 KWS-1's for sale (with power supplies) and an 75A-4 reciever. Prices were as follows.

Very clean 75A-4 \$1000
Very clean working KWS-1 \$1200
Good looking KWS-1 with bad power tube socket \$800

Nobody bought any of this...

I've got his E-mail address and was interested in the \$1200 KWS-1 but decided not to buy it. Hope I didn't make a mistake...

Robert M. Bratcher Jr.
E-mail to:
bratcher@worldnet.att.net
Record collector, 8mm, super 8, 16 and 35mm Film collector.
Looking for prerecorded reel to reel tape albums.
I like old radio's too.
Collins, Hallicrafters, National & Hammurland are my Favorites!

Date: Tue, 10 Jun 1997 16:23:18 -0600 (MDT)
From: dfrancis@iex.net (Dexter Francis)
To: boatanchors@theporch.com
Subject: ARC-5 Endpoint Alignment?
Message-ID: <v01520d01afc330b8a10c@[207.0.57.74]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Can anyone tell me what the proceeedure is for adjusting the endpoints on an ARC-5?

I assume it follows the usual pattern; main tuning cap fully unmeshed, hash marks aligned, high frequency on the RF generator, adjust a slug or bend some plates, then go to the fully meshed end, lower the frequency to the bottom end and adjust the trim caps....etc.

-df

* CWest Tube Sales - P.O.B. 22443 SLC, UT 84122 *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *
* e-mail to: tubes@usa.net *

Date: Tue, 10 Jun 1997 18:23:20 -0500 (GMT-0500)
From: Mike Toneri <toneri@ils.net>
To: ebjr@worldnet.att.net
Cc: rdkeys@csemail.cropsci.ncsu.edu, boatanchors@theporch.com,
conard@tntech.campus.mci.net, ws4s@infoave.net, sinned@VNET.IBM.COM
Subject: Re: 10 meter activity
Message-ID: <199706102323.SAA10355@server1.ils.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:38 PM 6/9/97 +0000, Sandy W5TVW wrote:

> Worked today: WA0JTE-A1-Missouri on CW at 2100Z

>

> Heard: K5PF in Raleigh, NC (Is he near you Bob?) 579 at 2324Z

>Somewhere in the 28.2-28.3 "beacon" band. (My old boat anchor

>receiver is not calibrated that closely!)

>

> How about some schedules during the afternoons on 28.050 CW anyone?

>

I am usually around the band 2-3 days a week and will make some calls on 28050. Talked to Hank, W5VAS, the other night on 6 metres for a while. Was great to hear his voice again.

73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

Date: Tue, 10 Jun 1997 18:23:26 -0500 (GMT-0500)
From: Mike Toneri <toneri@ils.net>

To: Frank_Scutch-EFS003@email.mot.com
Cc: boatanchors@theporch.com
Subject: Re: Halli HT32 Part Needed
Message-ID: <199706102323.SAA10361@server1.ils.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:55 AM 6/10/97 -0500, Frank Scutch-EFS003 wrote:

>Hi BA'ers:
>
>I'm in the process of restoring an HT32 and I'm in need of the 9Mc
>transformer (xformer T1 - part no. 050-000756) located on the 9Mc
>oscillator subassembly. It's the tall coil in the can on the upper left of
>the chassis.
>
>If anyone can help or direct me to an HT32 parts rig I'd really appreciate
>it. I'd love to get this radio back on the air.
>
>Frank, W4FMS
>efs003@email.mot.com
>
Try and contact Bob, VE3XOX, in Owen Sound Ontario. I gave him a HT32 with a
blown power transformer and no cabinet. Don't know what he did with it but
he may still have it and be willing to sell parts or the entire rig.
73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

Date: Tue, 10 Jun 1997 18:23:24 -0500 (GMT-0500)
From: Mike Toneri <toneri@ils.net>
To: dhall@jps.com
Cc: boatanchors@theporch.com
Subject: Re: Ranger I/Ranger II mod. xfmr - same?
Message-ID: <199706102323.SAA10358@server1.ils.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:17 AM 6/10/97 -0400, Doug Hall wrote:

>Hi all,
> Can someone who owns a Ranger II tell me the Johnson part number for the
>modulation transformer? I'm trying to determine whether the Ranger I and
>Ranger II used the same modulation transformers.
>73,

>Doug Hall, KF4KL
>

Ranger 2 part number is 22.986 with a description number of SNC P2429.

73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

Date: Tue, 10 Jun 1997 18:23:28 -0500 (GMT-0500)
From: Mike Toneri <toneri@ils.net>
To: qc01870@stp03.guidant.com
Cc: "'Boatanchors@theporch'" <boatanchors@sco.theporch.com>
Subject: Re: What? No Glow?
Message-ID: <199706102323.SAA10365@server1.ils.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Glad to hear you have the Valiant 1 on the air. I haven't been on 80 much due to severe QRN at this location but in the Fall I will be back on that band with the 500 and the Valiant 1. I still haven't looked into the problems with the Valiant 2 that plagued me last winter. Summer is short and I need to get my fill of motorbiking and sailing before it gets cold again.
73...Mike VE3FGU

Mike & Lynda Toneri E-mail: toneri@ils.net

Date: Tue, 10 Jun 1997 17:30:46 -0500
From: bdhall@ghg.net (Benjamin D. Hall)
To: boatanchors@sco.theporch.com, baswaplist@foothill.net
Subject: The story on Emodus
Message-ID: <3.0.32.19970610172608.0068b5f8@mailman.ghgcorp.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings fellow filament followers...

As you remember, I sent an e-mail to both these lists questioning the

legitimacy of Emodus (sales@emodus.com), as I had recently received spam mail from them, and wondered if the tube sales was a scam.

This afternoon, I received e-mail from Kevin Harlan at Emodus. He indicated that the spam mailing was a mistake on his part, as he thought the spam e-mail program would be a fast and efficient way to mail everyone on their mailing list, as the software they had been using wasn't able to handle the overall size of their mailing. He didn't know that this was the same tactics used by the cretin spammers on the internet, and now knows that this is not a proper way to send out e-mail, and will not do it in the future.

Just wanted to pass this along. I cannot hang someone for making a single mistake.

73 y'all,
Ben

Benjamin D. Hall, junque collector extraordinaire, Located in Houston, Texas.
e-mail: BDHall@ghg.net web: <http://www.ghgcorp.com/bdhall>

Date: Tue, 10 Jun 1997 17:34:47 -0500
From: "Robert M. Bratcher Jr." <bratcher@worldnet.att.net>
To: Earl.Landry@MCI.Com
Cc: boatanchors@sco.theporch.com
Subject: Re: HAMCOMM
Message-ID: <3.0.32.19970610173444.006bd1b8@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:04 PM 6/9/97 +0000, Earl Landry wrote:

>I really enjoyed Hamcomm this year. Plenty of BA's to look over. Even met some of the boatanchor crowd. My only good find was a nice brass Jesse Bunnell hand key.

>

>Earl Landry K5EID

If you mean the Arlington TX show then yes there were BA's for sale. About 6 of us from this E-mail list had lunch together on the grass outside. Was worth the drive from Houston!

Robert M. Bratcher Jr.

E-mail to:

bratcher@worldnet.att.net

Record collector, 8mm, super 8, 16 and 35mm Film collector.

Looking for prerecorded reel to reel tape albums.

I like old radio's too.

Collins, Hallicrafters, National & Hammurland are my Favorites!

Date: Tue, 10 Jun 1997 18:41:27 -0400
From: Bill Meara <wmeara@erols.com>
To: G4BXD@CompuServe.COM
Cc: boatanchors@theporch.com
Subject: Re: Hammarlund HQ-110A BITS WANTED
Message-ID: <199706102242.SAA14973@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:33 PM 6/10/97 -0400, Ben wrote:

>I picked up the above rx today, a rare find in the UK.

>

>I thought there was something missing and sure enough,
>when I got home and looked at the manual, I see the clocks
>not there. There is just a plate with the Hammy symbol on.

>

>So, if anyone can supply the clock, I would be most
>interested etc etc.....

>

Ben: I'm pretty sure that you have what is known as an "E" model - E for export. Apparently the 50 - 60 cycle issue caused Hammarlund to leave the clock out of models intended for you overseas users. I'd leave it as is. I have an HQ-100 with a disfunctional and (I thought) ugly clock - I replaced my clock with a metal plate.

>

73 de N2CQR
Bill Meara
QTH: Falls Church, Virginia, USA
Formerly of Tegucigalpa, Bilbao and Santo Domingo
wmeara@erols.com
<http://www.mindspring.com/~johnmb/billm.htm>

Date: 10 Jun 1997 17:45:14 -0500
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
To: boatanchors@sco.theporch.com
Subject: Support/info for E. H. Scott stuff
Message-ID: <1997Jun10.174515-0500@spike.vuse.vanderbilt.edu>
MIME-Version: 1.0

I have had the good fortune to adopt a 1932 E. H. Scott 12, which is a four-band receiver. Huge chrome chassis, fantastic build quality! It is by and large in good shape (no rust), but I'd like to learn more about it and its brothers. Any recommendations for books or tech info would be appreciated.

73 A. B. Bonds

Date: Tue, 10 Jun 1997 16:25:13 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: Dexter Francis <dfrancis@iex.net>
Cc: boatanchors@theporch.com
Subject: Re: ARC-5 Endpoint Alignment?
Message-ID: <Pine.BSF.3.95.970610162350.6060A-100000@piobaire.mines.uidaho.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 10 Jun 1997, Dexter Francis wrote:

> Can anyone tell me what the procedure is for adjusting the endpoints on an
> ARC-5?
>
> I assume it follows the usual pattern; main tuning cap fully unmeshed, hash
> marks aligned, high frequency on the RF generator, adjust a slug or bend
> some plates, then go to the fully meshed end, lower the frequency to the
> bottom end and adjust the trim caps....etc.

This depends on whether or not the oscillator is above or below the IF.

Usually, to align RF circuits, you adjust the slugs for the low end the the caps at the high end to get it to track. ARC-5s MAY be different...I don't remember.

Ken W7EKB

Date: 10 Jun 97 19:55:01 EDT
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>
To: BOATANCHORS <BOATANCHORS@theporch.com>
Subject: RME 45 S-meter available
Message-ID: <970610235500_103360.2133_JHL76-1@CompuServe.COM>

Troops,

I just ran into a good, used S-meter movement for an RME 45 receiver. Anybody out there restoring one and need a movement? I'd say about \$10.00, or an interesting swap of some sort, would be reasonable.

HINT; I can always use stray parts for restoring bugs. Vibroplex is good, Les Logan is better.

E-MAIL me direct if you need this puppy.

73's,

Tom, K9TA / WPE9GSX

Date: 10 Jun 97 19:55:03 EDT
From: "Thomas A. Adams" <103360.2133@CompuServe.COM>
To: BOATANCHORS <BOATANCHORS@theporch.com>
Subject: Parting out T-195 / GRC-19
Message-ID: <970610235503_103360.2133_JHL76-2@CompuServe.COM>

Greetings, Troops.

After almost 2 years of dealing with the frustration of trying to keep my T-195 / GRC-19 transmitter working (that autotune circuitry is a royal pain in the butt!), and providing power for it (50 amp 28 volt battery charger, backed up by a bunch of deep cycle UPS batteries), I have decided that the rig will serve me much better if it donates the big, 8 position, ceramic rotary switch in it's loading network to my 4-1000A AM rig project as a bandswitch.

The screwdrivers, socket set, and diagonal cutters come out this weekend.

If there is anyone out there who HASN'T given up on his / her T-195 yet, and needs parts, the carcass will soon be available for parts picking. E-MAIL me your needs, and we can settle on a price / swap.

Included in this deal is an extra RF power amp subassembly, and a vehicle mounting base for a T-195 and an R-392 (sorry folks, the R-392 is staying right here!). I also have a COMPLETE set of connectors, sort of; I don't have the "dog bone" cable that goes between the TX and RX, but I have enuff loose connectors to make one. The DC power cable is not original; I put it together based on a salvaged connector. It has about 4 feet of #6 wire.

The multimeter movement is an original, but the audio level meter is salvaged from an R-390A (the rig came from the Canadian Army sans meter movements).

BTW, the transmitter case is the ribbed, cast aluminum type, and looks pretty good for anyone doing a cosmetic restoration.

I gave this rig every chance to avoid getting chopped up into little bitty chunks, but frankly it was driving me CRAZY!!! Every time you think you have it working, the damned automatic tuning circuitry would throw ANOTHER fit. To preserve what's left of my sanity, it HAS to be this way.

Besides... I need that switch! :-)

73's,

Tom, K9TA / WPE9GSX

Date: Tue, 10 Jun 1997 18:51:58 -0500 (CDT)
From: listown@jackatak.theporch.com (List Admin/Owner Radio Mail Lists)
To: boatanchors@sco.theporch.com
Subject: ADMIN: STOP the junque email thread-PLEASE!
Message-ID: <9706101851.aa23967@jackatak.theporch.com>

Folks-

Way MORE than enough on the subject of Junque Email has been propagated on the BoatAnchors list...

PLEASE STOP!!!!!!!

There is NOTHING we can do here, except bitch, a hopelessly wasteful and counterproductive activity... further discussion becomes the SPAM of the BA list!

To the individual who innocently started the thread with a request for information if they were legit, it should now be obvious why off-topic threads should be avoided -- they tend to grab a life of their own...

And, lest there be someone who feels my request for this thread to STOP RIGHT NOW is out of hand, I'd suggest that you go read the newsgroups, particularly
news.admin.net-abuse.misc
and
news.admin.net-abuse.announce

for a far better feel and more focused discussion...

This is the BOATANCHORS list, and folks who forget that and decide to discuss email abuse can find other venues to post... with or without their consent! ;^)

Leave it lie and get back to Fire Bottles, folks... much yet to be discussed...

--

73

Jack, W4KH/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)
- - - BoatAnchor Mailing List Archiver/Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

Date: Wed, 11 Jun 1997 00:12:09 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: keng@uidaho.edu, boatanchors@theporch.com
Subject: Re: ARC-5 Endpoint Alignment?
Message-ID: <19970611001207.AAA20904@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:25 PM 6/10/97 +0000, you wrote:

>On Tue, 10 Jun 1997, Dexter Francis wrote:

>

>> Can anyone tell me what the procedure is for adjusting the endpoints on an
>> ARC-5?

>>

>> I assume it follows the usual pattern; main tuning cap fully unmeshed, hash
>> marks aligned, high frequency on the RF generator, adjust a slug or bend
>> some plates, then go to the fully meshed end, lower the frequency to the
>> bottom end and adjust the trim caps....etc.

>

>This depends on whether or not the oscillator is above or below the IF.

>

>Usually, to align RF circuits, you adjust the slugs for the low end the
>the caps at the high end to get it to track. ARC-5s MAY be different...I
>don't remember.

>

>Ken W7EKB

>

>

The ARC-5/SCR-274N receivers have a trimmer and a padder capacitor to

get the oscillator to agree with the dial scale. I have NEVER in all my years when I converted MANY, MANY receivers had to adjust the slugs in the coil set under the receiver! (Unless they were being modified for another band: ie...20 or 10 meter conversions were common for the BC-455's)

Remove the outer cover of the receiver. You will have to remove the dynamotor temporarily to do this. Looking at the front of the receiver, turn the tuning knob until you reach the high frequency end stop. The tuning fiducial (arrowhead) should line up with a small dot on the dial skirt. This will indicate the mechanical relationship of the main tuning gang is correct. Look at the top of the inner shield. There will be three "trimmer" holes in the top of the can to access C4D (mixer), C4E (oscillator trimmer)

and C-9 (Oscillator padder) from left to right. On say the BC-454 (3-6 mhz) set, set the dial at 6 mhz. Set the antenna trimmer on front panel for middle of its range. Adjust C4E for the correct frequency, and C4D for maximum signal....using an accurate modulated signal generator or marker oscillator and/or known on the air signals.

Next set dial to 3 mhz and adjust C9 for maximum response with the generator set to 3 Mhz. Repeat until no improvement is noted. The calibration should agree reasonably

with the markings on the dial skirt. Remember this isn't a Collins 75A-4, so don't expect absolutely EXACT agreement. Repace the outer cover and you are done.

This assumes you have properly aligned the IF transformers previously to the frequency printed on the IF cans. (Different for each receiver range!) As I recall:

85 khz for the .19-.55 mhz set, 239 khz. for the .52-1.5 mhz set, 705 khz for the rare 2-3 mhz set, 1415 khz for the 3-6 mhz set and 2830 khz for the 6-9.1 mhz set. I'm working from memory so this ain't "gospel"!

The little receivers are very sensitive things and don't require a lot of antenna for good results!

73

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes

Butternut HF2V antenna, G-R test gear.....*

Date: Tue, 10 Jun 1997 20:13:01 -0700
From: Al Klase <skywaves@bw.webex.net>
To: dfrancis@iex.net
Cc: boatanchors@theporch.com
Subject: Re: ARC-5 Endpoint Alignment?
Message-ID: <339E17BD.3E6D@webex.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dexter Francis wrote:

>
> Can anyone tell me what the procedure is for adjusting the endpoints on an
> ARC-5?
>
> I assume it follows the usual pattern; main tuning cap fully unmeshed, hash
> marks aligned, high frequency on the RF generator, adjust a slug or bend
> some plates, then go to the fully meshed end, lower the frequency to the
> bottom end and adjust the trim caps....etc.
>

This is actually bass-ackwards. The Signal School slogan is "trim high, pad low". That means you adjust the parallel trim cap at the high end of the frequency range, and adjust the coil by moving the slug or a turn at the low end. Occasionally, the circuit will have a high value "padder" cap in series with the tuning cap that effects the low end adjustment. While many tuning caps have split outer plates, I rarely find it necessary to mess with them.

Hope this helps,

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ

Date: Tue, 10 Jun 1997 20:25:10 -0400
From: "Bryan A. Stephens" <mail08458@pop.net>
To: "boatanchors@sco.theporch.com" <boatanchors@sco.theporch.com>
Subject: RE: R-388 restoration, part one
Message-ID: <01BC75DC.667AA5A0@1Cust104.Tnt1.Fairfax.VA.UT.UU.NET>

Hi Jose,

5814A is a ruggedized version of the 12AU7. The A signifies computer-rated. Should be just fine in the R388.

Bryan Stephens
mail08458@pop.net

>not the specified ones: V104 was a 6AU6 instead of a 6BA6 and V111 was
>a 5814A instead of a 12AU7. I _think_ these are not fair substitutions (any
>comment?) so i decided to look at my tube stock to replace them. And then

Date: Tue, 10 Jun 1997 20:26:58 -0400 (EDT)
From: k1zat@dsport.com
To: boatanchors <boatanchors@theporch.com>
Subject: Fire and Brimstone
Message-ID: <Pine.GS0.3.95.970610202226.8144B-100000@puff>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I've come into possession of a Brimstone 144 transciever.
It's about as big as a bread box, haven't opened it yet,
but appears to be 20 plus years old. Made by a "Satan
Electronics Inc, of Salina Kansas."

Anyone have a book or any kind of documentation on
this critter ?

jd

Date: Wed, 11 Jun 97 00:26:13 UT
From: "Allan Fritsche" <fritsche@msn.com>
To: boatanchors@theporch.com
Subject: R-390A Dial Glass
Message-ID: <UPMAIL03.199706110027560336@msn.com>

Hey Gang, If anyone is in need of a crystal clear dial glass for the r-390
family. Do what I did.
Take a plastic cover from a CD-ROM and cut with a sharp (new Blade)
razor knife to the deminsions needed. Then drill the appropriate holes for
mounting. (Very slowly) Mine is and looks like new.

Just a hint

A1
fritzsche@msn.com

Date: Tue, 10 Jun 1997 18:36:01 -0700
From: "Roger A. McCarty" <rmccarty@deltanet.com>
To: wmeara@erols.com
Cc: boatanchors@theporch.com
Subject: Re: Hammarlund HQ-110A BITS WANTED
Message-ID: <339E0101.456D@deltanet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bill Meara wrote:

I
> have an HQ-100 ugly clock - I replaced
> my clock with a metal plate.
>

Heretic!

I thought foul language was not allowed here?

:)

Roger KD6CC

End of BOATANCHORS Digest 1490
